IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

BALOGH

Group Art Unit: Unknown

Appln. No: Unknown

Examiner: Unknown

Filed: Herewith

For: **A METHOD AND EQUIPMENT FOR ACCESSING A TELECOMMUNICATION NETWORK**

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February 20, 2001

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to the initial examination of this Application, please consider and enter the following preliminary amendments.

IN THE CLAIMS:

Please amend claims 1-13 as follows:

1. (Amended) A method for accessing a network in a telecommunications [telecommunication] system, the system including [comprising] at least one terminal and a plurality of networks, [characterized by] the method comprising:

storing information sets describing settings [needed] used to access networks and their associated resources[.];

scanning for information [about the] related to names of available networks [by] using the terminal[,];

determining available information sets by comparing the information [about the] related to names of available networks to [said] the stored information sets[,]; and

accessing at least one network based on [the] settings described in the available information sets.

2. (Amended) [A] The method [according to] of claim 1, [characterized by] further comprising:

informing a user of the terminal about the available information sets;[,]

[letting the user select] receiving a user's selection of one of the available information sets;[,] and

accessing at least one network based on the settings described in the available information set selected by the user [has accepted].

3. (Amended) [A] The method [according to any one of the preceding claims characterized in that] of claim 1, wherein [said] the stored information sets are stored separately for each network on a smart card.

4. (Amended) [A] The method [according to any one of the preceding claims characterized by] of claim 1, wherein the storing stores network names of [the] networks [belonging to said] associated with the stored information sets, [performing] the scanning [by sending] sends network identity requests and [searching] searches for network identity responses, and the determining available information sets determines the available

information sets by comparing the stored network names to the scanned information related to [identifying the network] names of [the] available networks.

5. (Amended) [A] The method [according to] of claim 4, [characterized by] further comprising:

storing network identifiers representing a group of network names using wildcard characters in [said] the stored information sets;[,] and

determining the available information sets by comparing the stored network identifiers to the scanned information related to [identifying the network] names of [the] available networks.

6. (Amended) [A] The method [according to any one of the preceding claims, characterized in that] of claim 1, wherein the terminal is a mobile terminal and at least one of the networks is a wireless local area [(WLAN)] network.

7. (Amended) [A] The method [according to] of claim 6, [characterized in that said] wherein the stored information sets comprise [also] channel settings [defining] indicating whether [the] at least one of (i) a used radio channel is automatically or manually selected [and/or said] and (ii) whether the stored information sets comprise operation mode settings [defining] indicating whether a [the] used operation mode is an ad-hoc mode or an infrastructure mode.

8. (Amended) A terminal comprising:

a transceiver [(Tx/Rx) for communicating] configured to communicate with a telecommunications [telecommunication] network; [(NW1, NW2, ON), characterized in that the terminal further comprises]

memory means [(CPU, MEM, SCMEM)] for storing information sets describing settings [needed] used to access networks and their resources[,];

scanning means [(CPU)] for scanning for information [about the] related to identifying names of available networks[,];

determination means [(CPU)] for determining available information sets by comparing the information [about the] related to names of available networks to [said stored] information sets stored by the memory means [,]; and

access means [(CPU)] for accessing at least one network based on the settings described in the available information sets.

9. (Amended) [A] The terminal [according to] of claim 8, [characterized in that the terminal comprises] further comprising:

user interface means [(UI)] for informing a user of the terminal about the available information sets and letting the user select one of the available information sets[,]; and

wherein the access means [(CPU)] are [arranged] configured to access at least one network [(NW1, NW2)] based on the settings described in the one information set the user has accepted.

10. (Amended) [A] The terminal [according to] of claim 8, wherein [or 9, characterized in that said] the stored information sets are stored as network-specific profiles on a smart card [(SC)] that may be accessed by the terminal.

11. (Amended) [A] The terminal [according to any one of the claims 8 - 10, characterized in that] of claim 8, wherein the memory means [(CPU, MEM, SCMEM)] are configured [arranged] to store [network] names of the networks belonging to [said] the stored information sets,

wherein the scanning means [(CPU)] are arranged to perform the scanning by sending network identity requests and searching for network identity responses, and

wherein the determination means [(CPU)] are [arranged] configured to determine the available information sets by comparing the stored network names to the scanned information identifying the [network] names of the available networks.

12. (Amended) [A] The terminal [according to any one of the claims 8 - 11, characterized in that] of claim 8, wherein the terminal is a mobile terminal and comprises functionality to access wireless local area networks.

13. (Amended) [A] The terminal [according to] of claim 12, [characterized in that] wherein [said] the stored information sets comprise channel settings [defining] indicating at least one of (i) whether [the] a used radio channel is automatically or manually selected [and/or said] and (ii) whether the stored information sets comprise operation mode settings [defining] indicating whether [the] a used operation mode is an ad-hoc mode or an infrastructure mode, and

wherein the terminal is [arranged] configured to select at least one of (i) the used radio channel based on [the] channel settings of the available information sets [and/or the terminal is arranged to select] and (ii) an ad-hoc mode or an infrastructure mode based on the operation mode settings of the available information sets.

Please add new claims 14-19 as follows:

--14. A terminal comprising:

a transceiver configured to communicate with a telecommunications network;

at least one memory device configured to store information sets describing settings used to access networks and their resources;

at least one scanner configured to scan information related to identifying names of available networks;

at least one determination module configured to determine available information sets by comparing the information related to names of available networks to information sets stored by the memory means; and

at least one access device configured to access at least one network based on the settings described in the available information sets. --

--15. The terminal of claim 14, further comprising:

at least one user interface configured to inform a user of the terminal about the available information sets and letting the user select one of the available information sets,

wherein the at least one access device is arranged to access at least one network based on the settings described in the one information set the user has accepted.--

--16. The terminal of claim 14, wherein the stored information sets are stored as network-specific profiles on a smart card that may be accessed by the terminal.--

--17. The terminal of claim 14, wherein the at least one memory device is arranged to store names of the networks belonging to the stored information sets,

wherein the at least one scanner is configured to perform the scanning by sending network identity requests and searching for network identity responses, and

wherein the at least one determination module is configured to determine the available information sets by comparing the stored network names to the scanned information identifying the names of the available networks.--

--18. The terminal of claim 14, wherein the terminal is a mobile terminal and comprises functionality to access wireless local area networks.--

--19. The terminal of claim 18, wherein the stored information sets comprise channel settings indicating at least one of (i) whether a used radio channel is automatically or manually selected and (ii) whether the stored information sets comprise operation mode settings indicating whether a used operation mode is an ad-hoc mode or an infrastructure mode, and

wherein the terminal is configured to select at least one of (i) the used radio channel based on channel settings of the available information sets and (ii) an ad-hoc mode or an infrastructure mode based on the operation mode settings of the available information sets.--

REMARKS

Preliminary to the examination of the above-referenced application, Applicant amends claims 1-13 and adds new claims 14-19. Upon entry of this Amendment, claims 1-19 will be pending.

All matters having been addressed, it is respectfully submitted that the present application is in condition for allowance and an early notice to that effect is respectfully requested.

Respectfully submitted,

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